

***What Is Claimed Is:***

1. An apparatus, comprising:  
a universal frequency translator (UFT); and  
means for operating said UFT in at least one of (a)-(l) to perform at least frequency translation operations:
  - (a) a telephone;
  - (b) a communication base station;
  - (c) a positioning unit;
  - (d) a data communication device;
  - (e) a pager;
  - (f) a security system component;
  - (g) a repeater;
  - (h) a mobile radio;
  - (i) a satellite communication system;
  - (j) a command and control unit;
  - (k) a radio controlled device; and
  - (l) a radio synchronous time piece.